

SECTION 07 42 13

METAL WALL PANELS

(SOLID PHENOLIC EXTERIOR WALL PANELS)

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes: Solid phenolic Single-skin panels for:
1. Rain Screen Wall cladding system. This will include any accessory uses including but not limited to soffit panels, fascias, window sills and surrounds, corners, parapet cladding and other applications.
- B. Related Sections: Section(s) related to this section include:
1. Materials for support assemblies, Section 05 50 0 - **METAL FABRICATIONS**
 2. Blocking, Section 06 10 00 - **ROUGH CARPENTRY.**
 3. Section 07 13 00 **SHEET WATERPROOFING** for breathable membrane to be applied to sheathing for rain screen construction
 4. Sheet metal accessories, Section 07 60 00 - **FLASHING AND SHEET METAL.**
 5. Sealants: Section 07 92 00 - **JOINT SEALANTS.**
 6. Section 05 40 00 "Cold-Formed Metal Framing" for secondary support framing supporting metal wall panels.
 7. Section 01 81 11 "Sustainable Design Requirements" for sustainability and LEED requirements.
 8. Section 08 44 13 "Glazed Aluminum Curtain Walls" for curtain walls.
 9. Blast-Resistant Design: Section 01 36 00 Blast-Resistant Design

1.2 REFERENCES

- A. ASTM International:
1. ASTM D792-08Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement.
 2. ASTM E84-12Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. European National Standards (EN):
1. EN 438-2:2005Decorative High-Pressure Laminates (HPL) Sheets Based on Thermosetting Resins. Determination of Properties.
- C. Deutches Institut fur Normung e. V. (German Standards Institute) (DIN).